

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10541067"	US-PGPUB; USPAT	OR	OFF	2009/05/14 12:56
S3	162	422/186.3.ccls. and photo \$1catalyst	US-PGPUB; USPAT	OR	OFF	2009/05/14 12:59
S4	162	422/186.3.ccls. and (photo \$1catalyst or photocatalyst)	US-PGPUB; USPAT	OR	OFF	2009/05/14 12:59
S5	3	((KASHING) near2 (WU)). INV.	US-PGPUB; USPAT	OR	OFF	2009/05/14 13:01
S6	2	"10540932"	US-PGPUB; USPAT	OR	OFF	2009/05/14 13:04
S7	5	(("6322614") or ("5997619") or ("5891399") or ("6939397") or ("5833740")).PN. or ("2003/002172").CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/14 13:18
S8	5	((("6322614") or ("5997619") or ("5891399") or ("6939397") or ("5833740") or ("2003002172"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/05/14 13:18
S9	6	((("6322614") or ("5997619") or ("5891399") or ("6939397") or ("5833740") or ("20030002172"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/05/14 13:18
S10	6	((("6322614") or ("5997619") or ("5891399") or ("6939397") or ("5833740") or ("20030021721"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/05/14 13:19

S11	10	((("5833740") or ("5891399") or ("5997619") or ("6053968") or ("6322614") or ("6752970") or ("6761859") or ("6783578") or ("6875988") or ("6939397")).PN. or ((2003/0021721) or (2004/0245164) or (2005/0016378)).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/18 08:58
S12	13	((("5833740") or ("5891399") or ("5997619") or ("6053968") or ("6322614") or ("20030021721") or ("6752970") or ("6761859") or ("6783578") or ("20040245164") or ("20050016378") or ("6875988") or ("6939397")).PN.	US-PGPUB; USPAT	OR	OFF	2009/05/18 08:59
S13	0	plurality near3 "vent hole" with (loop or circle)	US-PGPUB; USPAT	OR	OFF	2009/05/18 09:08
S14	0	plurality near4 "vent hole" with (loop or circle)	US-PGPUB; USPAT	OR	OFF	2009/05/18 09:09
S15	76	"vent hole" with (loop or circle)	US-PGPUB; USPAT	OR	OFF	2009/05/18 09:09
S16	3	"vent hole" with (loop or circle) with (arranged or configured)	US-PGPUB; USPAT	OR	OFF	2009/05/18 09:09
S17	24	(vent or exit) near (hole or opening or aperture) with (loop or circle) with (arranged or configured)	US-PGPUB; USPAT	OR	OFF	2009/05/18 09:11
S18	104148	"96".clas. or "204".clas. or "205".clas.	US-PGPUB; USPAT	OR	OFF	2009/05/18 09:13
S19	179228	"96".clas. or "204".clas. or "205".clas. or "422".clas.	US-PGPUB; USPAT	OR	OFF	2009/05/18 09:13
S20	144559	"96".clas. or "204".clas. or "205".clas. or "422".clas. and (gas or air)	US-PGPUB; USPAT	OR	OFF	2009/05/18 09:14
S21	133795	"96".clas. or "204".clas. or "205".clas. or "422".clas. and (gas or air) and (hole or aperture or opening or exit or inlet)	US-PGPUB; USPAT	OR	OFF	2009/05/18 09:15

S22	134426	"96".clas. or "204".clas. or "205".clas. or "422".clas. and (gas or air) and (hole or aperture or opening or exit or inlet)	US-PGPUB; USPAT	OR	OFF	2009/05/18 09:16
S23	136247	"96".clas. or "204".clas. or "205".clas. or "422".clas. and (gas or air) and (hole or aperture or opening or exit or inlet)	US-PGPUB; USPAT	OR	ON	2009/05/18 09:16
S24	110543	"96".clas. or "204".clas. or "205".clas. or "422".clas. and (gas or air) and (hole or aperture or opening or exit or inlet) with (arranged or configured)	US-PGPUB; USPAT	OR	ON	2009/05/18 09:18
S25	104515	"96".clas. or "204".clas. or "205".clas. or "422".clas. and (gas or air) and ((hole or aperture or opening or exit or inlet) with (arranged or configured) with (circle or loop or circular or around))	US-PGPUB; USPAT	OR	ON	2009/05/18 09:18
S26	104876	"96".clas. or "204".clas. or "205".clas. or "422".clas. and (gas or air) and ((hole or aperture or opening or exit or inlet) with (arranged or configured) with (circle or loop or circular or around))	US-PGPUB; USPAT	OR	ON	2009/05/18 09:18
S27	104532	"96".clas. or "204".clas. or "205".clas. or "422".clas. and (gas or air) and ((hole or aperture or opening or exit or inlet) with (arranged or configured) near3 (circle or loop or circular or around))	US-PGPUB; USPAT	OR	ON	2009/05/18 09:19
S28	709	("96".clas. or "204".clas. or "205".clas. or "422".clas.) and (gas or air) and ((hole or aperture or opening or exit or inlet) with (arranged or configured) near3 (circle or loop or circular or around))	US-PGPUB; USPAT	OR	ON	2009/05/18 09:19

S29	578	("96".clas. or "204".clas. or "205".clas. or "422".clas.) and (gas or air) and ((hole or aperture or opening or exit or inlet) with (arranged or configured) near2 (circle or loop or circular or around))	US-PGPUB; USPAT	OR	ON	2009/05/18 09:19
S30	46	("96".clas. or "204".clas. or "205".clas. or "422".clas.) and (gas or air) and ((hole or aperture or opening or exit or inlet) with (arranged or configured) near2 (circle or loop or circular or around)) and (cleaner or purifier)	US-PGPUB; USPAT	OR	ON	2009/05/18 09:20
S31	387	("96".clas. or "204".clas. or "205".clas. or "422".clas.) and (gas or air) and ((hole or aperture or opening or exit or inlet) with (arranged or configured) near2 (circle or loop or circular or around)) and @py<"2005"	US-PGPUB; USPAT	OR	ON	2009/05/18 09:23
S32	396	("96".clas. or "204".clas. or "205".clas. or "422".clas.) and (gas or air) and ((hole or aperture or opening or exit or inlet or perforated) with (arranged or configured) near2 (circle or loop or circular or around)) and @py<"2005"	US-PGPUB; USPAT	OR	ON	2009/05/18 09:55
S33	41	chiaphua.as	US-PGPUB; USPAT	OR	ON	2009/05/18 10:03
S34	122117	(air or gas) with (flow or path) with (opening or baffle or aperture)	US-PGPUB; USPAT	OR	ON	2009/05/18 10:07
S35	2811	(air or gas) with (flow or path) with (hole or aperture or opening or exit or inlet or perforated or baffle) near4 (circular or circle or loop )	US-PGPUB; USPAT	OR	ON	2009/05/18 10:08

S36	239	(air or gas) with (flow or path) with (hole or aperture or opening or exit or inlet or perforated or baffel) near4 (circular or circle or loop ) and (cleaner or purifier)	US-PGPUB; USPAT	OR	ON	2009/05/18 10:09
S37	3	(air or gas) with (flow or path) with (hole or aperture or opening or exit or inlet or perforated or baffel) near4 (circular or circle or loop ) and photocatalyst	US-PGPUB; USPAT	OR	ON	2009/05/18 10:25
S38	2364	(air or gas) with (flow or path) with (hole or aperture or opening or exit or inlet or perforated or baffel) near3 (circular or circle or loop )	US-PGPUB; USPAT	OR	ON	2009/05/18 10:25
S39	1807	(air or gas) with (flow or path) with (hole or aperture or opening or exit or inlet or perforated or baffel) near2 (circular or circle or loop )	US-PGPUB; USPAT	OR	ON	2009/05/18 10:25
S41	1240	(air or gas) with (flow or path) with (hole or aperture or opening or exit or inlet or perforated or baffel) near2 (circular or circle or loop ) and @py<"2004"	US-PGPUB; USPAT	OR	ON	2009/05/18 10:27
S42	677	(air or gas) with (flow or path) with (hole or aperture or exit or inlet or perforated or baffel) near2 (circular or circle or loop ) and @py<"2004"	US-PGPUB; USPAT	OR	ON	2009/05/18 10:32
S43	6	("3317777"   "5080083"   "5185556"   "5352953"). PN. OR ("5517081"). URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/18 10:38
S44	317	96/224.ccls.	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/18 10:53
S45	224	96/224.ccls. and @py<"2005"	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/18 10:53
S46	944	422/186.3.ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/18 10:59
S47	669	S46 and @py<"2005"	US-PGPUB; USPAT	OR	OFF	2009/05/18 10:59

S48	1	"20020043504"	US-PGPUB; USPAT	OR	OFF	2009/05/18 11:23
S49	705203	(air or gas) and (clean\$3 or purif\$3)	US-PGPUB; USPAT	OR	ON	2009/05/18 13:48
S50	161217	(air or gas) with (clean\$3 or purif\$3)	US-PGPUB; USPAT	OR	ON	2009/05/18 13:48
S51	815	(air or gas) with (clean\$3 or purif\$3) and photocatalyst	US-PGPUB; USPAT	OR	ON	2009/05/18 13:48
S52	4936	(air or gas) with (clean\$3 or purif\$3) and (photocatalyst or "TiO. sub.2")	US-PGPUB; USPAT	OR	ON	2009/05/18 13:49
S53	4936	((air or gas) with (clean\$3 or purif\$3)) and (photocatalyst or "TiO. sub.2")	US-PGPUB; USPAT	OR	ON	2009/05/18 13:50
S54	10028	((air or gas) with (clean\$3 or purif\$3)) and (photocatalyst or "TiO. sub.2" or TiO2 or "titanium dioxide" or "titanium oxide")	US-PGPUB; USPAT	OR	ON	2009/05/18 13:51
S55	2019	((air or gas) with (clean\$3 or purif\$3)) and (photocatalyst or "TiO. sub.2" or TiO2 or "titanium dioxide" or "titanium oxide") and ((UV or ultra\$1violet) near2 (ray or wave or radiation))	US-PGPUB; USPAT	OR	ON	2009/05/18 13:57
S56	714	((air or gas) with (clean\$3 or purif\$3)) and (photocatalyst or "TiO. sub.2" or TiO2 or "titanium dioxide" or "titanium oxide") and ((UV or ultra\$1violet) near2 (ray or wave or radiation)) and ozone	US-PGPUB; USPAT	OR	ON	2009/05/18 14:03
S57	257	((air or gas) with (clean\$3 or purif\$3)) and (photocatalyst or "TiO. sub.2" or TiO2 or "titanium dioxide" or "titanium oxide") and ((UV or ultra\$1violet) near2 (ray or wave or radiation)) and ozone and @py< "2005"	US-PGPUB; USPAT	OR	ON	2009/05/18 14:04

S58	323	((air or gas) with (clean\$3 or purif\$3)) and (photocatalyst or "TiO. sub.2" or TiO2 or "titanium dioxide" or "titanium oxide") and ((UV or ultra\$1violet) near2 (ray or wave or radiation)) and ozone and @py<"2006"	US-PGPUB; USPAT	OR	ON	2009/05/18 14:04
S59	1099	((air or gas) with (clean\$3 or purif\$3)) and (photocatalyst or "TiO. sub.2" or TiO2 or "titanium dioxide" or "titanium oxide") and ((UV or ultra\$1violet) near2 (ray or wave or radiation)) and @py<"2006"	US-PGPUB; USPAT	OR	ON	2009/05/18 15:00
S60	613	((air or gas) with (clean\$3 or purif\$3)) and (photocatalyst or "TiO. sub.2" or TiO2 or "titanium dioxide" or "titanium oxide") and ((UV or ultra\$1violet) near2 (ray or wave or radiation)) and @py<"2006" and (tube or circular)	US-PGPUB; USPAT	OR	ON	2009/05/18 15:01
S61	944	422/186.3.ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/18 15:03
S62	86	S61 and @py<"2005" and photocatalyst	US-PGPUB; USPAT	OR	OFF	2009/05/18 15:03
S63	3	"10423897"	US-PGPUB; USPAT	OR	OFF	2009/05/18 15:04
S64	6	("4892712"   "6117337"   "6431528"   "6657205"). PN, OR ("7141222"). URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/18 15:05
S65	739	photocataly\$4 and (air or gas) near (purif\$4 or clean \$3)	US-PGPUB; USPAT	OR	OFF	2009/05/18 15:21
S66	739	photocataly\$4 and ((air or gas) near (purif\$4 or clean \$3))	US-PGPUB; USPAT	OR	OFF	2009/05/18 15:21
S67	299	photocataly\$4 and ((air or gas) near (purif\$4 or clean \$3)) and fan	US-PGPUB; USPAT	OR	OFF	2009/05/18 15:22
S68	156	photocataly\$4 and ((air or gas) near (purif\$4 or clean \$3)) and fan and @py<"2006"	US-PGPUB; USPAT	OR	OFF	2009/05/18 15:22

S69	2147	photocataly\$4 and ((air or gas) near (purif\$4 or clean \$3))	EPO; JPO; DERWENT	OR	ON	2009/05/18 15:30
S70	386	photocataly\$4 and ((air or gas) near (purif\$4 or clean \$3)) and fan	EPO; JPO; DERWENT	OR	ON	2009/05/18 15:31
S71	223	photocataly\$4 and ((air or gas) near (purif\$4 or clean \$3)) and fan and @py< "2005"	EPO; JPO; DERWENT	OR	ON	2009/05/18 15:31
S72	101	((gas or air) with (clean\$4 or purify\$3)) and photocataly\$4 and (spiral or swirl or cyclone or tangential)	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:01
S73	1	"10/242848	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:05
S74	0	"10482501"	US-PGPUB; USPAT	OR	ON	2009/05/19 16:23
S75	1	"10/482501"	US-PGPUB; USPAT	OR	ON	2009/05/19 16:23
S76	229	(*1594635"   "1773220"   "1966059"   "1969765"   "2002009109"   "20030039577"   "2042162"   "2043925"   "2150263"   "2173073"   "2183387"   "2220895"   "2248713"   "2290376"   "2362384"   "2362385"   "2628083"   "3001230"   "3011230"   "3071828"   "3198214"   "3252036"   "3258631"   "3294480"   "3374381"   "3486308"   "3558958"   "3576593"   "3670193"   "3674421"   "3731699"   "3744216"   "3750556"   "3780767"   "3785124"   "3788041"   "3790801"   "3798922"   "3802158"   "3818678"   "3835626"   "3844741"   "3872349"   "3894236"   "3905920"   "3937967"   "3954407"   "3976448"   "4019986"   "4033719"   "4042850"   "4074165"   "4118191"   "4156652"   "4163650"   "4179616"   "4184076"   "4189363"   "4203948"   "4210429"   "4233323"   "4244710"   "4253852"   "4273660"	US-PGPUB; USPAT; USOOCR	OR	ON	2009/05/20 08:50

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"5487877" | "5492633" |  
"5500979" | "5501801" |

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S77	49	("96".clas. or "95".clas. or "204".clas. or "205".clas. or "422".clas.) and (gas or air) and ((hole or aperture or opening or exit or inlet) with (arranged or configured) near2 (circle or loop or circular or around)) and (cleaner or purifier)	US-PGPUB; USPAT	OR	ON	2009/05/20 09:03

5/ 20/ 2009 10:34:52 AM

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